

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB117710

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2703

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB141254BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/08/2021	16:10
2	M4959-02		1	5.05	50	2.00	1.90	3.74	1.84	0.16	0.06	4.75	12/08/2021	16:12
3	M4959-02DUP		1	5.07	50	2.00	3.74	5.60	1.86	0.14	0.04	3.16	12/08/2021	16:15
4	M4959-05		1	5.09	50	2.00	5.60	7.42	1.82	0.18	0.08	6.29	12/08/2021	16:18
5	M4959-08		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.02	1.57	12/08/2021	16:20
6	M4959-11		1	5.06	50	2.00	1.88	3.72	1.84	0.16	0.06	4.74	12/08/2021	16:22
7	M4959-14		1	5.07	50	2.00	3.72	5.58	1.86	0.14	0.04	3.16	12/08/2021	16:25
8	M4959-17		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.08	6.34	12/08/2021	16:28
9	M4959-20		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	12/08/2021	16:30
10	M4965-03		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.06	4.77	12/08/2021	16:32
11	M4965-09		1	5.07	50	2.00	3.70	5.50	1.80	0.20	0.10	7.89	12/08/2021	16:35
12	M4965-15		1	5.05	50	2.00	5.50	7.34	1.84	0.16	0.06	4.75	12/08/2021	16:38

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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13	M4965-21		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	12/08/2021	16:40
14	M4965-27		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.04	3.16	12/08/2021	16:42
15	M4965-32		1	5.05	50	2.00	3.70	5.52	1.82	0.18	0.08	6.34	12/08/2021	16:45

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume